Communication technologies for safety

Advanced communication solutions for building infrastructure.

We make everyday life safer

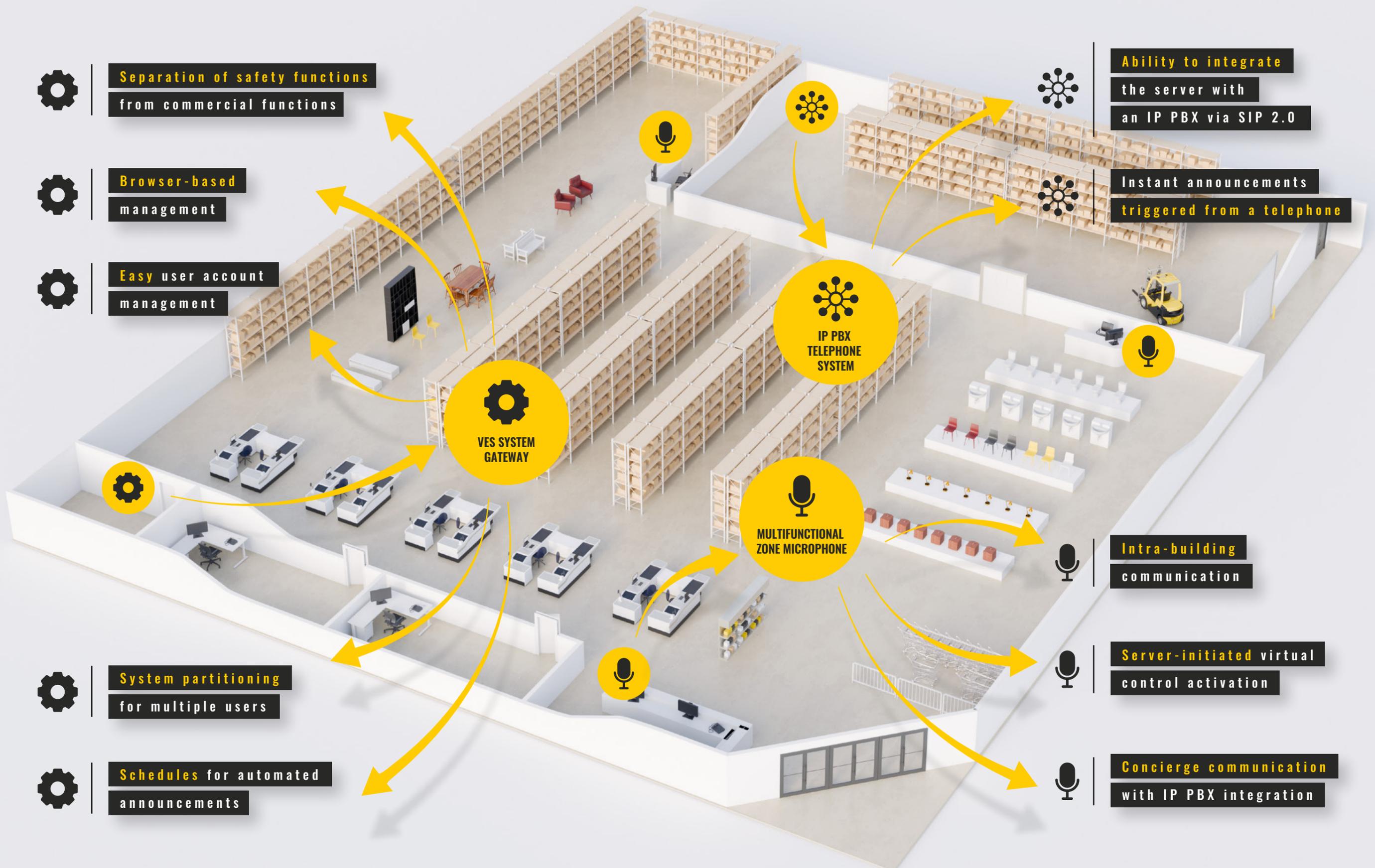# Advanced communication solutions for building infrastructure

In both newly constructed and modernized public buildings, efficient communication is a fundamental requirement. It is not only about the exchange of information between teams, but above all about ensuring an effective response in emergency situations.

Ambient System's PAVA (Public Address and Voice Alarm) systems, proven in thousands of installations worldwide, are a key element in ensuring safety. In response to the growing market demand, we continuously develop PAVA product line for one-way communication and are gradually introducing Network Intercom System, operating on SIP 2.0 technology. These systems provide secure, two-way building communication, enhancing both safety standards and overall functionality.

SYSTEM GATEWAY solution stands out from the competition. It enables the integration of SIP 2.0-based on-site telephony with the PAVA system, offering unique capabilities for using telephones as zone microphones. This functionality expands the potential of PAVA systems by providing a functional,

user-friendly web interface for managing paging zones and commercial announcements. SYSTEM GATEWAY separates the PAVA system's evacuation functions from its public address (PA) functions, ensuring reliability and operational safety. It supports scheduling announcements, creating recurring events and managing multiple entities with individual accounts. This is particularly valuable both for installations in new facilities and for the modernization of existing ones.

Our solutions are not just about technology – they provide the assurance that, in critical moments, communication will function smoothly and effectively, ensuring the safety of all building occupants. SYSTEM GATEWAY represents the future of building communication – join it by leveraging Ambient System's products and technology.

Separation of safety functions from commercial functions

Browser-based management

Easy user account management

System partitioning for multiple users

Schedules for automated announcements

VES SYSTEM GATEWAY

IP PBX TELEPHONE SYSTEM

MULTIFUNCTIONAL ZONE MICROPHONE

Ability to integrate the server with an IP PBX via SIP 2.0
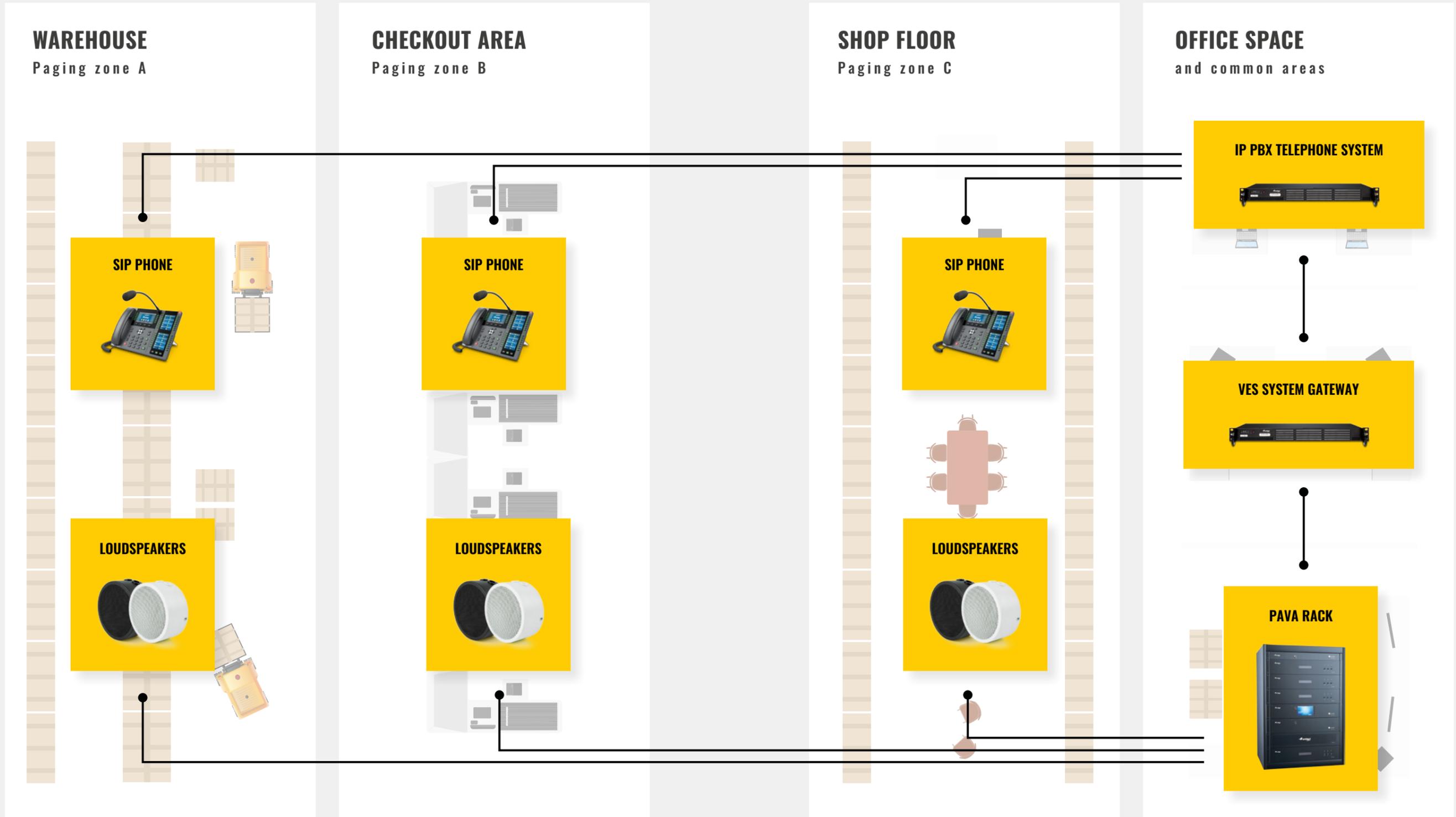
Instant announcements triggered from a telephone

Intra-building communication

Server-initiated virtual control activation

Concierge communication with IP PBX integration

WAREHOUSE
Paging zone A

CHECKOUT AREA
Paging zone B

SHOP FLOOR
Paging zone C

OFFICE SPACE
and common areas

IP PBX TELEPHONE SYSTEM

SIP PHONE

SIP PHONE

SIP PHONE

VES SYSTEM GATEWAY

LOUDSPEAKERS

LOUDSPEAKERS

LOUDSPEAKERS

PAVA RACK

ambient
SYSTEM

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